

WiFi Switching Cloud Keys & Gateways Camera Security Door Access Power Tech New I

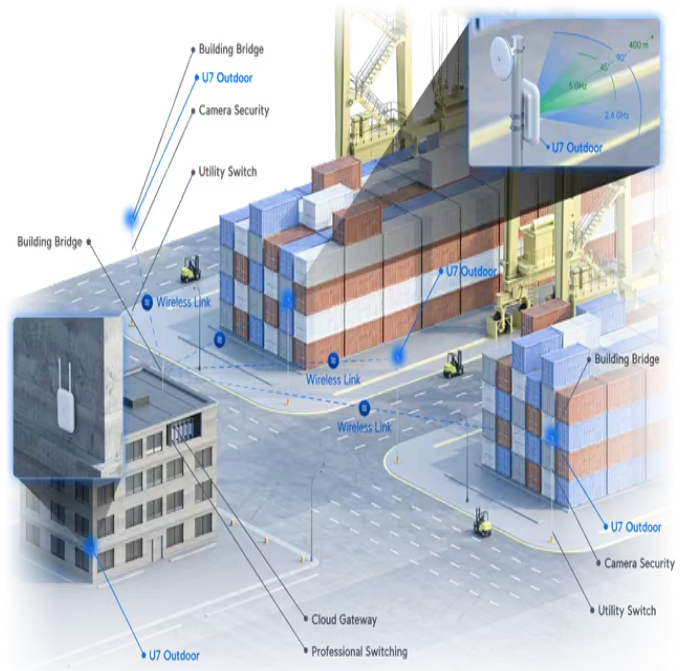
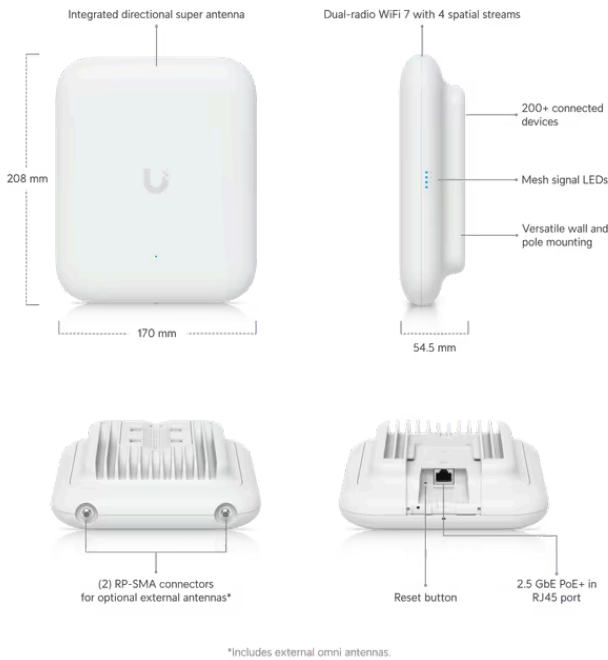
WiFi > U7 Outdoor

Datasheet

In The Box

Marketing Images

Installation Guide



Mechanical

| | |
|----------------------------|---|
| Dimensions | 170 x 208 x 54.5 mm (6.7 x 8.2 x 2.1") |
| Weight | 1.2 kg (2.6 lb) |
| Enclosure material | UV-stabilized polycarbonate, aluminum alloy |
| Mount material | Polycarbonate, SGCC steel |
| Pole mount diameter | 25–60 mm (1–2.36") on pipe outer diameter |
| Wind survivability | 74.6 N at 200 km/h (16.8 lbf at 125 mph) |

Weatherproofing IPX6

Hardware

| | |
|--------------------------------|--|
| Networking interface | (1) 1/2.5 GbE RJ45 port |
| Management interface | Ethernet |
| Power method | PoE+ |
| Power supply | UniFi PoE Switch |
| Supported voltage range | 42.5—57V DC |
| Max. power consumption | 19W |
| Max. TX power | |
| 2.4 GHz | 23 dBm |
| 5 GHz | 26 dBm |
| 6 GHz | - |
| MIMO | |
| 2.4 GHz | 2 x 2 |
| 5 GHz | 2 x 2 |
| 6 GHz | - |
| Throughput rate | |
| 2.4 GHz | 688 Mbps |
| 5 GHz | 4324 Mbps |
| 6 GHz | - |
| Antenna gain | |
| 2.4 GHz | Directional internal: 8 dBi / External omni: 3 dBi |
| 5 GHz | Directional internal: 12.5 dBi / External omni: 4 dBi |
| 6 GHz | - |
| Antenna beamwidth | |
| 2.4 GHz | 90° |
| 5 GHz | 45° |
| 6 GHz | - |
| Antennas | (1) Directional internal antenna (2) External omni antennas (2) RP-SMA connectors for external antenna |
| LEDs | (1) Power: white/blue (4) Mesh signal: blue |
| Button | Factory reset |
| Mounting | Wall, ceiling, pole (Included) |

| | |
|--------------------------------------|------------------------------|
| Ambient operating temperature | -30 to 60° C (-22 to 140° F) |
| Ambient operating humidity | 5 to 95% noncondensing |
| Certifications | CE, FCC, IC |

Software

| | |
|--------------------------------|--|
| WiFi standards | 802.11a/b/g/n/ac/ax/be |
| Wireless security | WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK) |
| BSSID | 8 per radio |
| VLAN | 802.1Q |
| Advanced QoS | Per-user rate limiting |
| Guest traffic isolation | Supported |
| Concurrent clients | 200+ |

Supported Data Rates

| | |
|--------------------------|--|
| 802.11a | 6, 9, 12, 18, 24, 36, 48, 54 Mbps |
| 802.11b | 1, 2, 5.5, 11 Mbps |
| 802.11g | 6, 9, 12, 18, 24, 36, 48, 54 Mbps |
| 802.11n | 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40) |
| 802.11ac (WiFi 5) | 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160) |
| 802.11ax (WiFi 6) | 7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160) |
| 802.11be (WiFi 7) | 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240) |

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